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Cover: Wild Turkey female giving distraction display on Dan's Mountain, Allegany County, June 10, 1986. Photo by David Walbeck.



COMMON LOON AT THE PATUXENT WILDLIFE RESEARCH CENTER

MATTHEW C. PERRY

On April 17, 1987, a Common Loon (*Gavia immer*) was observed circling over Snowden Pond, Patuxent Wildlife Research Center in Prince George's County for about three minutes and then landing on the pond. The lone bird was seen daily after its arrival by many employees who observed its behavior, photographed it, and made sketches of it. From May 30 to June 1, the loon appeared to be debilitated; it was seen rolling in the water and had difficulty moving through the floating vegetation on the pond. After June 1, the loon was no longer seen and a subsequent search on June 4 located the loon floating dead along an edge of the pond.

During the 46 days the loon was observed at Patuxent, it was never seen in the air after its arrival except for short flights along the water's surface. It was observed diving on numerous occasions and was successful in catching fish which appeared to be largemouth bass (*Micropterus salmoides*). Snowden Pond is not open to sport fishing and has a fairly large population of bass and sunfish (*Centrarchidae*). During a one and one-half hour period in the third week of May, the loon caught a minimum of two fish of an average length of 25 cm. It usually took seven-to-ten minutes for the loon to swallow the fish. Several observations were made of the loon apparently having difficulty swallowing fish it had caught.

Post-mortem examination of the loon by Patuxent's veterinarian, Glenn Olsen, revealed extreme emaciation and a severe fungal infection throughout its air sacs. Multiple nodules or plaques were found on the surface of the air sacs, especially the caudal thoracic and abdominal air sacs. Histopathology revealed typical granulomatous type lesions with sporulating fungal colonies including characteristic conidiophores.

Samples of the fungus were collected, cultured, and subsequently identified as *Aspergillus fumigatus*. Small fungal colonies were found on the surface of the lungs, but interior lung passages were not colonized by fungus. All other organs appeared normal. Stomach contents consisted of gravel and numerous parts of 17-year cicadas (*Magicicada* spp.). The cicadas were commonly seen on the water surface and apparently provided the loon with some nutrition after it was too weak to dive.

Aspergillosis is a common avian mycosis. The causative organism is ubiquitous in the environment with the fungus becoming pathogenic usually under adverse conditions. Previous problems of malnutrition, unhygienic environmental conditions, stress, oil contamination, or immunosuppression (possibly from chemical exposure) can lead to chronic aspergillosis.

Stewart et al. (1952) stated that the Common Loon was an uncommon spring transient at Patuxent. Earliest arrival was April 4 and latest departure was May 15. A maximum of 47 birds was counted at Patuxent on April 25, 1944. The recent sighting is noteworthy because loons have not been seen on the Patuxent impoundments in recent years and because of the bird's eventual death.

LITERATURE CITED

Stewart, R. E., J. B. Cope, C. S. Robbins, and J. W. Brainerd. 1952. Seasonal distribution of bird populations at the Patuxent Research Refuge. Amer. Midl. Natur. 47:257-363.

U. S. Fish and Wildlife Service

Patuxent Wildlife Research Center, Laurel, MD 20708

SCARLET TANAGER GIVES SUMMER TANAGER CALL

ROBERT F. RINGLER

On May 2, 1987 while participating in the annual May Bird Count near Boxiron in Worcester County, Maryland I encountered a male Scarlet Tanager (*Piranga olivacea*) giving calls of both that species and the Summer Tanager (*P. rubra*). I was originally attracted to the bird by what sounded like the song of a Summer Tanager. By spishing and giving a whistled call of the Eastern Screech-Owl (*Otus asio*) I induced a pair of Scarlet Tanagers to approach closely. Both were giving typical Scarlet Tanager calls. Though the tanager doing the singing had stopped, I could still hear calls of both species of tanagers from deeper in the woods. By persistent imitation of the owl call I was eventually able to attract another male Scarlet Tanager in breeding plumage. It perched about 75-100 feet away in full view and I was able to watch it as it called. This single bird alternated the calls of the two species: "picky-tuck, chip-burr, picky-tuck, chip burr" with a slight pause between each call. Not hearing the Summer Tanager's song again I presumed that this bird had been the singer.

Both Scarlet and Summer Tanagers are fairly common summer residents in woods throughout Worcester County and are frequently found in close proximity to one another.

In the ornithological literature I was unable to find any reference to a Scarlet Tanager giving calls of the Summer Tanager.

REFERENCES

- Bent, A.C. 1958. Life Histories of North American Blackbirds, Orioles and Tanagers. U.S. National Museum Bull. 211, Washington, D.C. 549p.
Isler, M. L. and P. R. 1987. The Tanagers. Smithsonian, Washington, D.C. 404p.
Stewart, R. E. and C. S. Robbins. 1958. Birds of Maryland and the District of Columbia, North American Fauna 62, U.S. Fish and Wildlife Service, Washington, D.C. 401pp.
6272 Pinyon Pine Court, Eldersburg, MD 21784

STATEWIDE BIRD COUNT, MAY 2, 1987

JAMES STASZ

On the 40th Annual State-wide Bird Count 454 observers in 211 parties walked 828 miles and drove 5249 miles in a total 1480 hours. All Maryland counties and the District of Columbia sent in reports with a total of 191,289 individuals of 242

species. The stated purpose of the May Count, to provide each and every member the opportunity to enjoy a day of birding during the height of migration in a cooperative effort to learn more about Maryland birds, was only partially fulfilled. A minor front crossed the northern half of the state and spread rain showers from the west in the morning to the upper Bay by mid-afternoon. The lower Bay had good weather all day, but the pelagic trip reportedly suffered from dense fog. About once every seven years on the first Saturday in May the warbler migration has reached Garrett County ... but not this year. Overall it was a fair day, much better than the sustained cool wind of the previous year.

Two species never before reported on a May Count are included in the table. A Sandhill Crane was seen and heard by Ed DeMoll and Carol Pickett in Little Bennett Park, Montgomery County. Ed Boyd and I observed and photographed a near-breeding-plumage Eared Grebe at North Beach, Calvert County. Although these are included in the table, both of these need further review by the MOS Records Committee. Also subject to review is the Piping Plover that Ed Boyd and I found at Cove Point, Calvert County; this species is rare along the Bay in any season and this sighting may be the first county record. The Orange-crowned Warbler and one of the Lincoln's Sparrows were banded by Margaret Donald at Adventure Sanctuary; the other Lincoln's Sparrow was banded by Gladys Cole at Towson. White-rumped Sandpipers were documented by Pete Webb et al. on Hart - Miller Island, and the Black-necked Stilts were seen by Harry Armistead at Blackwater where he found them for the first time on a May Count 19 years ago.

Details on unusual birds were received in better numbers than in previous years. Wrens got special attention: all of the accepted Winter Wrens and Sedge Wrens had sufficient details. The only American Tree Sparrow reported had good enough details to change it to Field Sparrow.

Unlike the past several summaries I include no charts or graphs of the data, but will hold off for a more complete article. During the past few months a hard look has revealed new insights. As George Robbins wrote in 1969: "Any attempt to study population trends over the years through this State-wide Count must be undertaken with caution, bearing in mind that coverage is not strictly standardized from year to year, and that counts are also affected by weather conditions. In general, the best year-to-year comparisons can be made with permanent resident species, or at least those which are not at the peak of their migration period."

Once again I must thank the individual County Compilers who share the burden in producing this report. This year I would like to offer a special "Thank you" to Fran Pope for organizing the Garrett County Count, Dave Czaplak for bringing the District of Columbia into the fold, Harry Armistead for unflagging support in Dorchester County, and the members of the Southern Maryland Audubon Society for their aid in the lower Western Shore counties.

OBSERVERS

GARRETT COUNTY: Charlotte & Dan Folk, Bill Pope, Fran Pope (*compiler*: 503 F Street, Mountain Lake Park 21550), Connie Skipper, David & Susan Winner.

ALLEGANY COUNTY: Helen Brake, Marge Cunningham, Bill Devlin, Cynthia Donaldson, Bill & Gladys Faherty, Charlotte Folk, Flo Giffin, Ken Hodgdon, Myrna Isner, Ray Kiddy, K.

Table 1. Statewide Bird Count, May 2, 1987

Species	Garr	Alle	Wash	Fred	Mont	D.C.	Carr	Howa	Balt	Harf	Cecil
Red-throated Loon	-	-	-	-	-	-	-	-	-	-	-
Common Loon	1	9	3	-	-	8	3	6	55	1	-
Pied-billed Grebe	1	2	-	-	-	-	-	4	-	-	-
Horned Grebe	-	-	-	-	-	-	-	-	-	-	-
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	1	-	-	-	2	25	-	-	327	122	0
American Bittern	-	1	1	-	-	-	-	-	1	-	-
Least Bittern	-	-	-	-	-	-	-	-	-	-	-
Great Blue Heron	1	2	6	7	15	3	0	12	90	76	5
Great Egret	-	-	-	-	1	1	-	-	-	3	-
Snowy Egret	-	-	-	-	-	-	-	-	1	-	-
Little Blue Heron	-	-	-	-	1	-	-	-	-	-	-
Tricolored Heron	-	-	-	-	-	-	-	-	-	-	-
Cattle Egret	-	-	-	-	2	-	-	-	6	-	-
Green-backed Heron	1	7	6	10	24	4	-	13	31	7	0
Black-crowned Night-Heron	-	-	-	-	-	2	-	2	42	8	-
Yel.-crowned Night-Heron	-	-	-	-	-	-	-	-	3	-	-
Glossy Ibis	-	-	-	-	-	-	-	-	-	-	-
Tundra Swan	-	-	-	-	-	-	-	-	2	2	-
Mute Swan	-	-	-	-	-	-	-	9	-	-	-
Snow Goose	-	-	-	-	-	-	-	-	-	-	-
Brant	-	-	-	-	-	-	-	-	18	-	-
Canada Goose	8	-	28	94	172	10	8	92	121	48	-
Wood Duck	2	28	33	51	75	13	6	11	49	44	2
Green-winged Teal	1	-	-	-	-	-	-	-	-	-	-
American Black Duck	-	3	2	-	3	-	-	1	5	1	-
Mallard	13	49	121	39	124	139	12	138	305	74	8
Northern Pintail	-	-	-	-	-	-	-	-	-	-	-
Blue-winged Teal	-	10	-	-	-	-	-	2	9	-	-
Gadwall	-	-	-	-	4	-	-	-	-	-	-
American Wigeon	-	-	-	-	-	-	-	2	-	-	-
Canvasback	-	-	-	-	-	1	-	-	-	-	-
Ring-necked Duck	-	-	-	-	-	1	-	-	-	-	-
Lesser Scaup	-	2	-	-	-	-	-	-	23	-	-
Oldsquaw	-	-	-	-	-	-	-	-	-	-	-
Surf Scoter	-	-	-	-	-	-	-	-	-	-	-
White-winged Scoter	-	-	-	-	-	-	-	-	-	-	-
Scoter sp.	-	-	-	-	-	-	-	-	-	-	-
Common Goldeneye	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	1	2	-	-	-	-	-	-	1	-	-
Common Merganser	-	-	-	-	2	2	-	3	-	-	-
Red-breasted Merganser	-	-	-	-	-	5	-	-	5	-	-
Ruddy Duck	7	-	-	-	-	-	-	-	1009	-	-
Black Vulture	-	-	3	9	4	2	1	34	9	10	-
Turkey Vulture	10	75	13	39	28	2	7	74	100	45	11
Osprey	1	9	6	3	2	8	1	1	32	7	2
Bald Eagle Adult	-	-	-	-	2	-	-	-	-	1	-
Bald Eagle Immature	-	1	-	-	-	-	-	-	-	1	-
Northern Harrier	-	-	-	2	-	-	1	-	7	1	-
Sharp-shinned Hawk	-	1	2	-	4	2	2	4	5	-	-
Cooper's Hawk	-	3	1	1	1	-	-	-	4	-	-
Red-shouldered Hawk	-	1	2	3	13	1	-	23	8	4	-
Broad-winged Hawk	3	7	10	2	4	1	-	8	5	1	-
Red-tailed Hawk	-	2	2	6	4	3	2	7	19	10	-
American Kestrel	1	5	7	22	3	-	1	7	15	26	1

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Pr.G	Anne	Calv	Chas	St.M	Kent	QuAn	Caro	Talb	Dorc	Wico	Some	Worc	Total	Co's
-	-	1	1	-	-	-	-	-	-	-	-	-	2	2
1	9	29	3	5	21	-	-	43	12	1	-	3	213	19
-	-	1	-	-	2	-	-	2	1	-	-	-	13	7
-	-	4	-	2	1	8	-	-	-	-	-	-	15	4
-	-	1	-	-	-	-	-	-	-	-	-	-	1	1
28	33	80	23	59	90	2	51	74	237	6	8	571	1739	18
-	-	-	-	-	-	-	-	-	1	-	-	-	4	4
-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
31	26	20	553	23	179	44	18	110	39	5	1	6	1272	23
1	1	3	-	2	1	6	1	40	17	-	7	33	106	14
3	-	15	2	3	-	-	-	28	43	3	1	19	118	10
-	-	S	-	-	-	-	-	5	1	-	-	1	8	4
-	-	-	-	-	-	-	-	-	4	-	-	7	11	2
-	-	5	-	-	2	14	-	214	5	1	28	77	354	10
9	10	16	7	3	10	12	6	23	11	3	10	2	225	22
-	-	-	-	-	1	-	-	-	6	-	-	6	67	7
-	-	-	1	-	-	-	-	-	-	-	-	-	4	2
2	1	1	-	-	-	-	25	-	2	-	15	149	195	7
1	1	-	-	-	1	1	-	1	-	-	-	1	10	8
-	1	-	-	-	8	7	1	96	13	-	-	-	135	7
-	-	-	-	-	-	-	-	1	-	-	-	2	3	2
-	-	-	-	-	-	-	-	-	-	-	-	-	18	1
155	19	46	22	-	233	115	3	109	71	41	155	62	1612	21
11	0	3	23	3	35	42	40	14	8	0	0	2	495	21
-	2	1	-	-	1	-	-	-	16	-	-	-	21	5
18	-	2	-	-	3	30	-	7	37	1	2	1	116	15
53	85	63	28	10	3861	287	80	81	79	52	16	91	5808	24
-	-	-	-	-	1	5	-	-	-	-	-	-	6	2
-	-	-	-	-	2	-	1	-	4	-	2	-	30	7
-	-	-	-	-	-	-	-	-	4	-	-	-	8	2
-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	9	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	-	112	-	1	2	-	-	-	149	6
-	-	10	-	-	-	-	-	1	-	-	-	-	11	2
-	-	1	-	-	-	-	-	2	-	-	-	-	3	2
-	-	-	-	-	-	-	-	7	-	-	-	-	7	1
-	-	-	-	-	-	-	-	-	225	-	-	-	225	1
-	-	-	-	-	-	2	-	-	-	-	-	-	2	1
-	-	10	-	-	-	29	-	-	-	-	-	-	43	5
-	-	1	-	1	-	-	-	-	-	-	-	-	9	5
4	-	-	-	-	3	-	-	-	-	-	-	-	17	4
-	-	-	5	-	-	58	-	7	16	-	-	-	1102	6
2	2	13	1	3	21	26	20	10	7	4	-	6	187	20
16	29	42	38	21	124	65	221	187	120	130	30	99	1526	24
12	12	20	31	15	34	22	32	92	49	11	6	19	427	24
1	1	2	2	2	6	-	1	4	8	2	1	1	34	14
-	1	-	2	1	3	-	1	1	17	-	3	1	32	11
1	2	1	1	-	1	-	1	-	14	-	-	2	34	12
3	121	2	4	-	2	1	-	4	1	-	-	-	158	15
-	1	-	-	1	-	-	-	3	-	-	-	-	15	8
19	8	3	16	3	2	1	3	-	3	-	-	1	114	18
-	-	-	1	-	-	-	-	7	-	-	-	-	49	11
6	1	4	7	10	6	6	12	18	14	11	1	2	153	22
3	2	S	2	-	6	2	11	3	5	-	-	1	123	19

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Species	Garr	Alle	Wash	Fred	Mont	D.C.	Carr	Howa	Balt	Harf	Cecil
Merlin	-	-	-	-	-	-	-	-	1	-	-
Peregrine Falcon	-	-	-	-	-	-	-	-	6	-	-
Ring-necked Pheasant	-	-	19	-	2	-	2	37	19	7	-
Ruffed Grouse	2	3	2	-	-	-	-	-	-	-	-
Wild Turkey	1	15	9	-	16	-	-	-	-	-	-
Northern Bobwhite	-	-	17	8	18	2	1	5	34	20	9
Black Rail	-	-	-	-	-	-	-	-	-	-	-
Clapper Rail	-	-	-	-	-	-	-	-	-	-	-
King Rail	-	-	-	-	-	-	-	-	2	-	-
Virginia Rail	-	1	-	-	1	-	-	-	35	-	-
Sora	-	2	-	-	-	-	-	-	4	-	-
Common Moorhen	-	-	-	-	-	-	-	-	-	-	-
American Coot	1	1	-	1	1	-	-	1	1	-	-
Sandhill Crane	-	-	-	-	1	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Plover	-	-	-	1	-	-	-	-	1	-	-
Piping Plover	-	-	-	-	-	-	-	-	-	-	-
Killdeer	10	41	21	18	8	4	4	20	32	3	3
American Oystercatcher	-	-	-	-	-	-	-	-	-	-	-
Black-necked Stilt	-	-	-	-	-	-	-	-	-	-	-
Greater Yellowlegs	5	3	-	17	-	-	-	-	26	-	1
Lesser Yellowlegs	-	33	2	36	-	-	-	3	61	-	-
Solitary Sandpiper	7	52	15	58	20	4	1	28	55	-	-
Willet	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	17	38	12	12	45	5	2	85	100	0	10
Upland Sandpiper	2	1	3	-	-	-	-	-	-	-	1
Sanderling	-	-	-	-	-	-	-	-	-	-	1
Semipalmated Sandpiper	-	1	-	-	-	-	-	-	70	-	-
Western Sandpiper	-	-	-	-	-	-	-	-	1	-	-
Least Sandpiper	-	1	-	10	3	-	-	2	38	4	-
White-rumped Sandpiper	-	-	-	-	-	-	-	-	2	-	-
Pectoral Sandpiper	-	-	11	-	-	-	-	-	1	5	-
Dunlin	-	-	-	-	-	-	-	-	10	2	-
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	1	10	2	7	3	-	-	-	5	2	-
American Woodcock	1	5	1	-	-	-	-	-	7	-	-
Laughing Gull	-	-	-	-	-	-	-	-	194	1	2
Bonaparte's Gull	-	-	-	-	-	54	-	-	43	-	-
Ring-billed Gull	13	85	5	2	71	105	1	56	326	208	3
Herring Gull	-	-	-	-	6	5	-	-	562	12	2
Glaucous Gull	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	-	-	-	-	-	-	-	39	30	2
Gull Sp.	-	-	-	-	-	-	-	15	-	-	-
Caspian Tern	-	-	-	-	-	9	-	1	103	38	5
Royal Tern	-	-	-	-	-	-	-	-	-	-	-
Common Tern	-	-	-	-	-	-	-	-	1	-	-
Forster's Tern	-	-	-	-	-	-	-	-	6	-	-
Sterna sp.	-	-	-	-	-	-	-	-	10	-	-
Least Tern	-	-	-	-	-	-	-	-	28	al	1
Black Tern	1	-	-	-	-	-	-	-	-	-	-
Black Skimmer	-	-	-	-	-	-	-	-	-	-	-
Rock Dove	49	274	91	152	98	110	53	472	588	80	10
Mourning Dove	20	191	119	191	220	29	53	354	471	188	28
Black-billed Cuckoo	-	-	-	-	-	-	-	1	-	-	-
Yellow-billed Cuckoo	-	-	-	-	4	-	-	2	1	-	-

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Pr.G	Anne	Calv	Chas	SLM	Kent	QuAn	Caro	Talb	Dore	Wico	Some	Worc	Total	Co's
-	4	-	-	1	1	1	1	1	1	1	1	1	6	1
-	-	-	-	-	-	-	-	-	-	-	-	-	6	1
-	-	-	-	-	1	-	-	-	-	-	-	-	87	7
-	-	-	-	-	-	-	-	-	-	-	-	-	7	3
-	-	-	-	-	-	-	1	-	-	-	-	-	42	5
10	19	21	37	24	86	30	59	65	29	38	22	23	527	23
-	-	-	-	-	-	-	-	-	7	-	-	-	7	1
-	-	-	-	-	-	-	-	-	-	-	-	4	4	1
-	-	2	1	-	2	-	-	-	2	-	-	-	9	5
-	-	15	3	-	19	2	1	13	54	-	-	-	144	10
-	-	3	-	-	2	-	-	-	1	-	-	-	12	5
1	-	8	-	-	2	1	-	-	7	-	-	-	19	5
-	2	2	-	-	-	-	-	1	-	-	-	-	11	9
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	3	-	-	-	19	-	-	2	24	3
-	-	-	-	-	-	-	-	3	2	19	-	3	31	7
-	-	1	-	-	-	-	-	-	-	-	-	-	1	1
11	14	8	7	3	6	15	16	22	19	17	10	15	327	25
-	-	-	-	-	-	-	-	-	2	-	-	1	3	2
-	-	-	-	-	-	-	-	-	2	-	-	-	2	1
10	12	18	2	28	20	16	17	14	41	5	2	10	245	18
16	30	38	-	2	11	8	9	1	10	-	-	-	260	14
1	1	9	11	4	2	-	-	-	4	-	-	1	273	17
-	-	-	-	2	-	-	-	-	37	6	0	58	103	4
19	14	25	12	2	7	2	4	7	3	2	-	3	421	22
1	1	1	1	1	1	1	1	1	1	1	1	1	6	3
1	1	1	1	1	1	1	1	1	14	-	-	16	30	2
3	-	-	-	10	4	-	-	10	-	1	-	-	99	7
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	27	-	4	21	-	7	1	48	5	-	10	181	14
-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
-	3	-	-	-	12	-	-	6	1	-	-	-	9	7
-	-	-	-	-	1	-	-	-	225	-	-	1	239	5
-	-	1	-	-	-	-	-	-	-	-	-	-	1	1
-	-	11	-	-	4	-	3	-	1	-	-	-	49	11
1	1	1	4	-	8	-	-	1	2	-	-	1	33	12
0	106	1038	42	378	1911	338	3435	4292	1216	1125	155	1520	15749	15
12	-	1	2	7	-	-	-	12	18	-	-	-	149	8
64	183	825	181	1	2622	28	27	350	154	8	5	189	5511	24
0	30	190	29	216	331	12	-	83	80	64	0	183	1805	15
-	-	1	-	-	-	-	-	-	-	-	-	-	1	1
3	4	17	3	-	20	-	-	16	2	1	-	5	142	12
8	-	-	-	125	-	-	-	-	-	-	-	-	148	3
-	13	4	-	1	1	4	-	-	-	-	-	-	179	10
-	2	50	34	53	-	-	-	-	6	5	-	1	151	7
-	2	5	-	2	-	7	-	8	10	-	-	7	42	8
1	3	34	7	6	2	5	2	33	163	11	5	52	330	14
-	-	2	-	-	-	-	-	-	-	-	-	-	12	2
1	1	1	1	1	-	-	-	-	18	2	-	-	49	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	15	-	-	67	82	2
17	66	2	3	2	18	38	109	58	18	53	0	33	2394	23
90	140	67	99	38	159	73	103	176	38	75	13	29	2964	24
1	-	-	-	-	-	-	-	-	1	-	-	-	3	3
-	1	1	1	-	1	1	3	-	4	-	-	2	21	11

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Species	Garr	Alle	Wash	Fred	Mont	D.C.	Carr	Hova	Balt	Harf	Cocl
Common Barn-Owl	-	-	-	-	-	-	-	-	1	-	-
Eastern Screech-Owl	-	3	2	1	3	4	-	2	2	6	-
Great Horned Owl	-	1	4	-	5	1	-	2	14	4	1
Barred Owl	-	8	4	4	9	3	1	7	8	9	-
Common Nighthawk	-	4	-	-	-	-	-	-	-	-	-
Chuck-will's-widow	-	-	2	-	-	-	-	-	1	-	-
Whip-poor-will	-	14	3	-	1	-	-	-	11	1	-
Chimney Swift	5	117	208	144	90	38	12	97	232	200	1
Ruby-thrt'd. Hummingbird	-	11	2	2	5	-	-	5	10	1	-
Belted Kingfisher	3	10	8	14	23	1	1	11	35	16	-
Red-headed Woodpecker	1	1	-	2	2	-	-	2	4	3	-
Red-bellied Woodpecker	-	57	83	101	255	24	3	196	190	60	2
Yel.-bellied Sapsucker	-	1	-	-	-	-	-	1	-	-	-
Downy Woodpecker	7	65	33	45	100	10	3	45	86	28	1
Hairy Woodpecker	-	19	5	5	13	4	2	5	13	4	-
Northern Flicker	12	31	58	72	91	18	5	78	147	65	8
Pileated Woodpecker	2	45	-	6	43	3	2	17	7	3	-
Eastern Wood Pewee	-	16	-	-	8	-	-	2	4	-	-
Acadian Flycatcher	-	-	-	1	4	-	-	-	3	3	1
Least Flycatcher	2	1	-	-	-	1	-	-	1	-	-
Eastern Phoebe	6	55	34	20	45	4	3	42	56	28	1
Great Crested Flycatcher	1	20	16	10	76	7	-	6	30	2	0
Eastern Kingbird	5	7	17	14	27	7	1	38	65	28	6
Horned Lark	2	3	4	2	-	-	3	-	2	5	-
Purple Martin	16	1	74	15	8	2	-	36	55	38	0
Tree Swallow	57	62	52	19	126	3	-	22	427	101	15
Rough-winged Swallow	12	50	83	45	21	21	5	32	140	29	6
Bank Swallow	14	15	-	-	3	S	-	1	33	14	-
Cliff Swallow	33	26	12	-	-	-	-	48	55	1	-
Barn Swallow	98	235	216	135	112	42	50	263	490	342	11
Blue Jay	26	168	97	177	1450	142	29	661	1017	217	18
American Crow	40	205	192	213	390	77	45	374	576	157	25
Fish Crow	-	4	16	37	12	2	5	30	30	46	1
Crow sp.	-	8	-	60	22	-	-	234	28	4	8
Common Raven	-	8	1	3	-	-	-	-	-	-	-
Black-capped Chickadee	35	82	11	-	-	-	-	-	-	-	-
Carolina Chickadee	-	-	32	52	320	41	6	121	253	81	7
Tufted Titmouse	11	121	65	116	290	44	4	208	284	104	4
Red-breasted Nuthatch	7	7	1	2	3	2	1	8	5	3	-
White-breasted Nuthatch	7	36	9	8	11	7	5	22	43	8	-
Brown-headed Nuthatch	-	-	-	-	-	-	-	-	-	-	-
Brown Creeper	-	3	2	1	1	-	-	-	2	-	-
Carolina Wren	-	42	31	59	142	26	1	61	81	42	0
House Wren	8	42	67	82	210	10	7	52	96	17	8
Winter Wren	-	1	-	-	1	-	-	-	-	-	-
Sedge Wren	-	-	-	-	-	-	-	-	-	-	-
Marsh Wren	-	1	-	-	-	-	-	1	22	1	-
Golden-crowned Kinglet	1	-	3	-	-	-	-	-	-	-	-
Ruby-crowned Kinglet	39	74	41	41	52	6	8	58	105	20	-
Blue-gray Gnatcatcher	15	124	51	69	340	12	34	135	158	51	0
Eastern Bluebird	11	35	60	34	30	1	4	108	77	45	8
Veery	1	-	-	-	4	4	-	3	13	2	-
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	1	-
Swainson's Thrush	-	-	-	-	3	-	-	-	7	-	-
Hermit Thrush	-	-	-	-	6	-	4	5	4	-	-

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Pr.G	Anne	Calv	Chas	St.M	Kent	QuAn	Caro	Talb	Dorc	Wico	Some	Worc	Total	Co's
1	-	-	-	-	2	-	-	-	3	-	-	-	7	4
-	-	-	1	-	8	2	1	6	1	1	-	-	43	15
1	-	3	5	-	15	4	5	20	6	-	-	5	96	17
5	1	1	16	3	4	9	17	3	9	-	-	1	122	20
-	-	-	-	-	-	-	-	-	1	-	-	-	5	2
2	1	-	-	1	5	3	1	4	7	-	-	2	29	11
8	12	3	22	0	2	3	5	0	16	1	0	14	116	15
19	65	18	32	22	85	18	49	179	63	19	7	39	1759	24
3	3	9	2	3	7	6	12	7	4	-	15	2	109	19
11	4	8	9	4	4	6	11	7	3	6	-	3	198	22
-	-	-	10	-	1	1	-	1	3	3	-	2	36	14
50	62	25	47	45	84	44	66	98	23	22	2	18	1557	23
-	2	-	-	-	2	-	-	1	-	-	-	-	7	5
10	19	6	25	10	44	18	21	25	12	9	2	23	647	24
2	4	11	-	6	10	3	4	5	4	-	-	1	120	19
28	29	21	14	6	53	24	27	34	13	15	30	22	901	24
13	3	14	9	5	2	-	7	2	11	1	-	7	202	20
-	-	-	1	1	2	1	1	2	1	-	1	2	42	13
1	1	1	2	1	3	-	-	-	-	-	-	-	21	11
-	-	-	-	-	1	-	-	-	-	-	-	-	6	5
18	10	5	15	1	9	7	22	12	3	0	1	4	401	23
1	19	5	13	7	19	22	28	29	21	24	5	16	377	22
18	7	8	27	16	31	32	37	37	12	20	4	11	469	24
-	-	-	-	-	42	1	21	-	8	5	-	4	102	11
29	17	59	23	36	107	59	143	72	89	114	17	65	1075	22
58	114	658	5	20	467	78	89	36	114	3	39	20	2585	23
11	6	13	8	2	35	6	20	11	1	5	2	6	581	24
1	70	4	4	-	85	-	4	-	-	2	-	-	250	13
1	-	-	-	-	1	-	-	-	-	-	-	-	177	8
46	144	379	133	44	270	65	203	394	185	94	23	91	4065	24
179	2041	86	258	60	405	69	133	175	39	78	7	37	7569	24
113	194	59	267	99	62	95	174	116	25	43	24	28	3593	24
46	6	46	21	10	87	89	68	227	19	15	9	24	850	23
6	3	-	-	12	-	-	-	40	-	56	14	-	495	13
-	-	-	-	-	-	-	-	-	-	-	-	-	12	3
-	-	-	-	-	-	-	-	-	-	-	-	-	128	3
68	86	28	55	39	100	51	92	134	34	54	12	60	1726	22
79	89	25	95	45	79	29	90	107	42	81	11	58	2081	24
7	7	-	-	-	2	-	5	5	1	1	-	-	67	17
14	4	-	7	1	6	2	4	-	-	-	1	-	195	18
-	-	-	-	2	-	-	-	3	4	2	2	4	17	6
1	-	-	-	-	2	-	-	-	-	-	-	-	13	8
48	45	12	36	43	74	24	64	65	30	64	14	63	1067	22
10	28	4	2	0	56	14	10	9	11	12	14	3	772	23
-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
-	1	1	-	-	-	-	-	-	-	-	-	-	2	2
-	2	8	-	1	9	2	-	1	44	1	2	1	96	14
-	-	-	-	-	-	-	-	-	-	-	-	-	4	2
8	10	1	1	-	21	2	-	6	-	-	-	1	494	18
78	58	27	73	14	56	19	33	69	21	7	1	32	1477	23
52	8	43	26	32	32	35	140	98	31	39	24	21	994	24
4	3	-	-	-	-	4	-	1	-	-	-	-	39	10
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	6	-	-	1	-	-	1	-	-	-	18	5
-	-	-	-	-	5	-	-	-	-	-	-	-	24	5

Table 1 (cont.) Statewide Bird Count, May 2, 1987

Species	Garr	Alle	Wash	Fred	Mont	D.C.	Carr	Howa	Balt	Hart	Cecil
Wood Thrush	5	62	22	57	122	27	7	148	137	33	12
American Robin	148	612	387	288	235	31	61	569	716	267	38
Gray Catbird	4	15	15	47	170	14	3	86	140	43	4
Northern Mockingbird	-	50	63	72	108	25	10	206	182	71	7
Brown Thrasher	15	28	39	18	45	11	4	88	42	10	2
Water Pipit	-	-	1	45	-	-	105	-	60	-	-
Cedar Waxwing	-	24	46	23	131	40	-	21	60	-	-
European Starling	178	372	1163	1426	530	382	158	654	1366	309	24
White-eyed Vireo	3	7	6	5	77	4	3	50	38	17	3
Solitary Vireo	15	6	6	1	3	1	1	2	11	1	-
Yellow-throated Vireo	1	8	1	3	30	-	1	14	3	4	-
Warbling Vireo	-	2	22	13	37	2	-	1	1	8	-
Red-eyed Vireo	-	52	18	9	120	19	4	65	82	15	0
Blue-winged Warbler	-	6	2	4	47	4	3	8	24	4	-
Golden-winged Warbler	2	14	2	-	-	-	-	-	-	-	-
Tennessee Warbler	-	1	5	-	5	1	-	-	2	-	-
Orange-crowned Warbler	-	-	-	-	1	-	-	-	-	-	-
Nashville Warbler	-	7	4	-	5	4	-	1	2	-	-
Northern Parula	-	13	9	13	165	12	5	67	91	33	9
Yellow Warbler	10	52	13	31	41	2	5	27	50	10	-
Chestnut-sided Warbler	3	12	4	-	6	1	-	7	16	3	-
Magnolia Warbler	1	16	5	-	-	-	-	2	2	-	-
Cape May Warbler	-	5	-	-	1	-	-	-	1	-	-
Blk.-thrt'd. Blue Warbler	4	6	6	-	13	10	1	12	27	-	-
Myrtle Warbler	61	134	177	115	775	87	22	345	804	319	5
Blk.-thrt'd. Green Warbler	13	3	2	3	4	1	-	-	15	-	-
Blackburnian Warbler	1	4	-	1	4	1	-	4	5	-	-
Yellow-throated Warbler	-	11	10	1	17	-	-	1	1	-	-
Pine Warbler	-	17	3	-	1	-	2	4	14	-	2
Prairie Warbler	-	24	4	2	63	2	10	21	15	16	4
Palm Warbler	9	38	8	-	4	3	-	3	2	-	-
Bay-breasted Warbler	-	-	-	-	2	-	-	-	1	-	-
Blackpoll Warbler	-	-	-	-	3	-	-	-	-	1	-
Cerulean Warbler	-	10	1	-	8	1	-	2	8	5	-
Black-&-white Warbler	8	10	13	4	44	13	5	25	85	13	0
American Redstart	9	52	11	9	57	6	1	69	67	7	3
Prothonotary Warbler	-	3	3	2	23	1	-	-	4	2	-
Worm-eating Warbler	-	6	2	-	1	-	-	3	7	-	3
Swainson's Warbler	-	-	-	-	-	-	-	-	5	-	-
Ovenbird	4	25	2	2	30	10	7	84	79	10	10
Northern Waterthrush	-	25	3	1	11	-	-	1	2	4	-
Louisiana Waterthrush	-	21	7	10	21	5	1	32	24	9	-
Kentucky Warbler	-	-	-	-	1	-	-	6	-	5	-
Common Yellowthroat	18	21	8	48	190	5	13	139	202	62	4
Hooded Warbler	2	5	-	-	1	-	-	6	3	1	-
Wilson's Warbler	-	1	-	-	-	-	-	-	-	-	-
Canada Warbler	-	-	2	-	2	-	-	-	2	1	-
Yellow-breasted Chat	-	5	3	-	7	-	-	2	3	-	-
Summer Tanager	-	-	1	-	-	-	-	-	-	-	-
Scarlet Tanager	-	18	3	4	14	4	0	24	45	10	0
Northern Cardinal	27	255	155	235	465	52	26	403	446	135	26
Rose-breasted Grosbeak	3	27	6	-	25	3	-	4	27	2	-
Blue Grosbeak	-	-	-	-	1	-	-	-	-	1	-
Indigo Bunting	-	25	6	-	13	-	-	9	18	4	2
Rufous-sided Towhee	27	186	51	80	250	35	27	208	211	46	9

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Pr.G	Anne	Calv	Chas	St.M	Kent	QuAn	Caro	Talb	Dorc	Wico	Some	Worc	Total	Co's
63	38	26	46	25	91	48	66	157	20	18	2	22	1254	24
138	288	84	205	50	1205	97	243	517	198	219	28	70	6694	24
42	33	34	11	27	100	45	30	41	18	16	7	8	953	24
52	46	32	53	62	103	50	72	114	43	58	14	34	1527	23
8	14	13	16	4	31	10	105	32	6	20	8	14	583	24
-	-	-	-	-	-	-	-	-	-	-	-	-	211	4
44	2	10	142	17	13	14	38	49	105	-	7	62	848	19
220	222	215	121	79	1065	240	527	565	225	374	24	144	10583	24
41	26	44	35	30	33	24	50	46	20	32	9	31	634	24
-	-	-	-	-	4	-	-	-	-	-	-	-	51	11
7	5	4	15	-	3	3	8	-	2	-	-	4	116	18
1	-	-	-	2	1	-	-	-	-	-	-	-	90	11
106	76	54	166	44	56	11	85	56	34	36	24	25	1157	22
4	5	3	4	5	6	1	2	6	3	1	-	4	146	21
-	-	-	-	-	1	-	-	-	-	-	-	-	19	4
-	-	-	1	-	3	-	-	-	-	-	-	-	18	7
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	3	1	-	-	-	-	-	-	27	8
54	44	43	75	-	6	-	4	11	4	2	-	7	667	20
7	5	7	6	-	82	14	3	18	8	4	4	2	399	22
-	3	4	2	-	2	-	-	-	-	-	-	-	63	12
-	1	-	-	-	3	-	-	-	-	-	-	-	30	7
-	-	-	-	-	1	-	-	-	-	-	-	1	9	5
2	4	2	1	2	2	-	1	1	-	-	-	1	95	17
78	156	35	115	63	214	72	68	265	77	71	13	62	4133	24
-	-	-	-	-	2	-	-	-	-	-	-	-	43	8
1	-	-	-	3	-	-	-	2	-	-	-	-	26	10
1	-	5	3	4	3	2	-	1	-	-	1	14	81	17
19	5	14	16	25	18	12	36	89	40	46	33	40	436	20
50	8	11	31	29	8	0	41	3	16	28	10	30	426	22
3	1	-	-	-	2	-	-	1	-	-	-	-	74	11
1	-	-	-	-	1	-	-	-	-	-	-	-	5	4
-	-	-	3	-	-	1	1	4	-	-	2	1	16	8
1	-	-	-	-	2	1	-	-	-	-	-	-	39	10
21	26	12	17	6	39	4	28	12	17	5	3	13	423	23
16	11	1	27	8	26	5	1	2	-	-	-	7	395	21
3	6	3	8	-	7	12	35	4	14	9	-	44	183	18
-	2	1	5	-	5	-	11	13	6	7	-	6	78	15
-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
76	38	16	43	19	32	7	61	47	34	43	19	66	764	24
-	-	1	-	-	-	-	-	2	-	-	-	-	50	9
11	3	0	11	6	5	2	12	5	1	3	1	7	197	21
-	-	1	8	3	3	2	14	2	-	1	-	-	46	11
72	62	67	67	51	237	65	56	80	77	63	22	72	1701	24
6	16	22	19	-	-	-	-	-	-	3	-	-	84	11
-	-	2	-	-	-	-	-	-	-	-	-	-	3	2
-	-	-	-	-	1	-	2	1	-	-	-	-	11	7
6	2	4	4	2	10	1	8	1	4	2	-	4	68	17
1	-	1	1	-	-	-	4	-	7	1	-	2	18	8
15	9	4	8	6	15	5	18	11	8	6	1	5	232	21
131	117	71	174	118	386	143	223	259	55	96	36	51	4085	24
-	2	-	1	1	-	-	-	1	-	1	-	-	103	13
2	3	-	5	4	8	2	5	2	5	2	3	5	48	14
16	2	-	9	7	13	-	-	32	1	3	-	2	162	16
78	75	29	71	26	98	32	61	48	31	37	8	43	1767	24

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Species	Garr	Alle	Wash	Fred	Mont	D.C.	Carr	Howa	Balt	Harf	Cecil
Chipping Sparrow	119	351	78	69	123	16	15	117	285	73	5
Field Sparrow	29	81	45	54	132	6	18	92	82	18	7
Vesper Sparrow	1	4	4	3	1	-	4	-	1	-	-
Savannah Sparrow	4	10	5	1	5	11	2	10	39	15	-
Grasshopper Sparrow	-	6	6	15	4	-	21	13	4	2	1
Henslow's Sparrow	-	-	-	-	-	-	-	-	-	-	-
Sharp-tailed Sparrow	-	-	-	-	-	-	-	-	-	-	-
Seaside Sparrow	-	-	-	-	-	-	-	-	1	-	-
Song Sparrow	53	159	100	173	132	33	20	184	205	53	6
Lincoln's Sparrow	-	-	-	-	1	-	-	-	1	-	-
Swamp Sparrow	32	30	13	5	39	6	2	6	67	19	-
White-throated Sparrow	84	510	241	307	230	179	102	537	519	294	7
White-crowned Sparrow	7	30	11	12	9	2	3	17	12	12	1
Dark-eyed Junco	-	11	4	1	5	-	1	-	7	-	-
Bobolink	18	26	54	124	45	-	2	340	374	74	7
Red-winged Blackbird	193	305	155	455	350	25	204	644	1079	239	20
Eastern Meadowlark	36	37	36	81	28	-	6	52	31	33	4
Rusty Blackbird	-	6	-	-	7	-	-	-	1	8	-
Boat-tailed Grackle	-	-	-	-	-	-	-	-	-	-	-
Common Grackle	153	551	555	2205	480	26	219	589	937	533	38
Brown-headed Cowbird	74	380	127	131	220	13	31	149	213	74	5
Orchard Oriole	-	2	5	3	22	4	-	4	10	1	-
Baltimore Oriole	2	33	56	21	34	6	2	14	40	5	-
Purple Finch	17	80	200	31	29	2	12	15	46	3	-
House Finch	21	291	92	67	115	34	14	200	460	53	6
Pine Siskin	40	153	64	31	42	3	-	17	12	4	-
American Goldfinch	77	529	255	326	650	171	35	408	665	119	9
Evening Grosbeak	7	126	12	4	-	4	-	13	8	3	-
House Sparrow	66	180	146	249	72	80	47	158	415	50	14
Total Species	102	151	137	115	150	112	90	135	183	131	68
Total Individuals	2263	9002	6757	9352	12067	2562	1648	11576	20770	6050	533
Observers	7	32	16	19	48	2	2	53	77	31	1
Parties	4	17	7	11	26	1	2	22	33	9	1
Party-miles:											
Foot	12.5	64	27	40.5	138	10	15	98	136.5	24	3
Car	176	398	247	243.5	103	105	84	320	315	309	72
Boat	0	0	0	0	0	0	0	0	7.5	6	0
Other	0	0	0	0	0	0	0	0	16.5	2	0
Total Miles	188.5	462	274	284	241	115	99	418	475.5	341	75
Party-hours:											
Foot	11.5	60	25	62	163	13	8.75	110	187.7	32.	3
Car	15.5	35	25	16	11	2.5	5.25	22	18.8	22.25	2
Boat	0	0	0	0	0	0	0	0	9.5	7	0
Other	2	0	0	0	0	0	0	0	16.5	6.25	0
Total Hours	29	95	50	78	174	15.5	14	132	232.5	67.5	5
Hours Owling	0	5.5	1	0.5	3.5	1	0	4	2.5	6	0
Miles Owling	0	18.5	3	0	3	3	0	16	1	17	0
Time at Start	6:15	3:20	4:45	5:30	0:01	4:45	6:00	3:30	4:00	4:00	7:30
Time at End	20:00	20:00	19:45	19:25	19:05	20:30	18:30	20:30	21:00	21:30	17:00
Temperature:											
AM	37	53	45	40	50	56	50	50	40	45	46
PM	67	66	65	56	70	71	67	70	75	65	62
Wind:											
AM	0	5	5	5	0	0	-	-	N	5	-
PM	10	5	5	-	0	N10	-	-	N	5	-
% of Clouds:										100	-
AM	100	100	100	100	100	20	-	90	100	100	-
PM	50	75	100	100	50	20	-	70	75	-	-
Precipitation:	0.21	AM	0.25	PM	MID	PM		MID	MID	MID	
			Showers	0.05	0.05	Trace	0.06	Shower	Rain	Lt. Rain	0.03

Table 1 (cont.). Statewide Bird Count, May 2, 1987

Pr.G	Anne	Calv	Chas	St.M	Kent	QuAn	Caro	Talb	Dorc	Wico	Some	Worc	Total	Co's
57	38	53	49	53	120	48	135	192	52	69	36	40	2193	24
54	27	19	29	28	118	38	50	39	17	27	3	9	1022	24
-	-	-	-	-	2	±	5	-	-	-	-	-	25	9
6	8	14	1	3	5	-	11	8	11	2	-	8	179	21
4	3	7	-	13	6	4	15	2	3	-	-	-	129	18
-	-	-	-	-	-	-	-	-	6	-	-	-	6	1
-	-	22	-	1	-	-	-	-	3	-	-	-	26	3
-	-	11	-	2	-	2	-	-	88	-	3	4	111	7
45	57	32	37	8	108	10	16	38	14	16	3	17	1519	24
-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
24	24	31	1	2	10	-	-	5	1	1	-	1	319	20
127	125	24	92	140	300	88	93	168	24	36	16	31	4274	24
2	-	-	-	2	11	3	1	3	2	-	-	-	140	18
1	-	-	1	-	3	-	6	-	-	-	-	-	40	13
19	60	11	64	11	-	-	1	7	1	-	-	-	1238	18
221	293	182	639	134	11158	383	434	1085	887	156	130	75	19446	24
1	5	15	11	7	32	12	14	25	42	3	9	8	528	23
-	-	4	-	-	12	-	-	-	-	-	-	-	38	6
-	-	-	-	-	-	-	-	-	22	6	0	42	70	3
303	201	347	366	205	2559	698	1213	1587	1012	700	198	366	16041	24
87	44	87	64	16	173	25	284	359	92	77	0	30	2755	23
9	8	4	5	4	31	11	45	25	42	9	8	3	255	21
1	1	2	9	1	23	6	20	12	1	2	-	1	292	22
-	-	2	1	-	2	-	3	4	-	-	-	-	447	9
70	82	42	14	6	70	17	95	70	2	6	-	8	1835	23
17	10	7	22	-	-	-	110	19	2	21	-	1	575	18
98	71	88	363	127	485	75	173	388	45	28	20	47	5252	24
10	-	4	10	-	-	-	16	1	-	1	-	-	219	14
39	49	60	55	65	240	95	197	118	53	78	5	47	2578	24
133	130	152	130	118	167	122	123	144	159	110	81	139	242	
4290	6659	6381	5893	3220	31701	4763	10788	15067	7782	4950	1491	5723	191289	
18	24	7	12	11	12	11	29	15	9	8	5	5	454	
11	8	4	7	5	5	5	14	8	3	4	2	2	211	
20.5	54.5	16.5	28	31.5	19	14	21.5	23	7	10	4	10.5	828.5	
135	168	124	139	191	267	253	379	387.5	440	211	52	130	5249.0	
0	0	0	0	0	0	0	21	0	0	0	0	0	34.5	
0	0	0	0	0	0	0	0	0	0	0	0	0	18.5	
155.5	222.5	140.5	167.	222.5	286.	267.	421.5	410.5	447	221	56	140.5	6130.5	
36.5	56.5	33.3	33.	25	14	16.75	53	36.3	28.75	24	10	13	1056	
15	7	3.5	21.5	14	28	16.75	29	17.9	19	12.5	4	14.5	378	
0	0	0	0	0	0	0	5.5	0	0	0	0	0	22	
0	0	0	0	0	0	0	0	0	0	0	0	0	24.75	
51.5	63.5	36.8	54.5	39	42	33.5	87.5	54.2	47.75	36.5	14	27.5	1480.75	
3	1	2	24	0.5	6	4.5	5.5	3	70	0.5	0	2	146	
11	1	2	3.5	1	29	76	21	31	7	0	0	15	259	
5:00	5:20	4:30	4:30	5:40	1:45	1:30	0:00	4:00	0:00	4:30	7:15	4:30		
19:40	-	20:00	21:30	22:15	18:30	20:00	20:50	18:00	20:15	17:30	17:00	20:30		
50	40	45	45	47	52	46	42	60	45	47	42	68		
70	75	73	70	70	75	70	76	73	75	75	80	64		
0	-	-	-	-	NE5	5	0	SW5	0	0	-	-		
0	-	-	5	10	E10	10	15	20	20	-	-	-		
50	0	0	0	0	60	0	5	-	0	15	-	10		
100	80	15	25	0	50	100	-	-	0	100	-	60		
PM		0.00		0.00	NOON	PM	0.01	0.00	0.00	0.00	0.00	0.00		
Showers	0.02		Trace		Showers	Lt. Rain								

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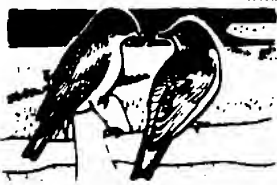
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P. O. Box 71, North Beach, MD 20714



THE SEASON

Winter Season—December 1, 1986—February 28, 1987

ROBERT F. RINGLER

This winter was mild and dry for the early portion, producing good birding conditions for most Christmas Bird Counts. Though there were some severe snowstorms during the remainder of the season, water remained open in most Coastal Plain areas.

Mid-winter bird counts were done in two counties this year: Howard and Allegany. Results from these counts show interesting differences from the CBCs in those areas. In particular the semi-hardy lingerers tend to be gone in mid-winter.

The most notable event of the season was the arrival of small numbers of Common Redpolls throughout the state, most from late January into February. Most were single birds or in small groups and most were seen only one day, though some lingered at feeders for a few days.

Some data from the CBCs are mentioned here, but most are left to the appropriate issue of *American Birds*.

Abbreviations: CBC – Christmas Bird Count, DC – District of Columbia, PNAS – Patuxent Naval Air Station, PWRC – Patuxent Wildlife Research Center, WMA – Wildlife Management Area.

Observers: Chris Beaton, Rick Blom, Larry Bonham, Mike Bryan, Dave Czaplak, Lynn Davidson, Sam Droege, Ethel Engle, Jane Farrell, Roberta Fletcher (reporting for Caroline County), Harold Fogleman, Mark Garland, Inez Glime, Jim & Trish Gruber, Alex Hammer, Marvin Hewitt, Robert Hilton, Hank Kaestner, Greg Kearns, Ray Kiddy, Dennis Kirkwood, Kathy Klimkiewicz, Wayne Klockner, Walter Kraus, Chris Ludwig, Dotty Mumford, Paul Nistico, Mariana Nuttle, John Michael & Paul O'Brien, Jim Orgain, Jim Paulus, Jan Reese, Sue Ricciardi, Ron Runkles, Steve Simon, Teresa Simons, Connie Skipper, Bob & Jo Solem (reporting for Howard County), Jim Stasz, Sallie Thayer, Mary Twigg, Mark Wallace, Robert Warfield, Hal Wierenga, Jim Wilkinson, Erika Wilson and Mark Wright.

Loons, Grebes. The only Red-throated Loons reported were 1 at Chesapeake Beach on Dec. 26 (Ringler, Stasz) and on the 27th (Kraus) and 1 at Ocean City on Feb. 28 (Wilson). Common Loons are quite scarce in mid-winter away from the ocean and post-CBC reports this year were 1 at Rocky Gap on Jan. 4 (Twigg), 1 at Point Lookout on Feb. 6 (Wilson), 1 at Loch Raven on Feb. 11 (Simon), 1 flying north off Love Point on Feb. 27 (Grubers) and 1 at Ocean City on Feb. 28 (Wilson). January reports of Pied-billed Grebes included 1 at Piney Run through the 13th (Wright +), 1 on the Potomac at Oldtown through the 14th (Paulus) and 20 on Loch Raven on the 14th (Simon). Even rarer in mid-winter are Red-necked Grebes but Simon found 3 at Loch Raven on Jan. 1 with 1 remaining on the 3rd. Another Red-necked at

PNAS on Feb. 15 (Bryan) was probably a spring migrant.

Gannets, Pelican, Cormorants. There were some very surprising CBC reports of Northern Gannets. On the Crisfield count Wierenga and Ringler saw 1 on the Big Annemessex River and 8 in Pocomoke Sound on Dec. 30, and 2 were seen west of Kent Island on Jan. 4 on the Annapolis CBC (Blom +). More normal were the 200 gannets off Ocean City on the Feb. 14 pelagic trip (Wierenga +). One of the big surprises of the season was the Brown Pelican at Conowingo on Dec. 20-22 (Dale Aulthouse and Robert Fraunfelder) whose photo appears in *American Birds* (Vol. 41, No. 2, p. 264). Great Cormorants on CBCs were 4 for Ocean City on Dec. 29 and 18 for Point Lookout on Jan. 4. Double-crested Cormorants were among the birds that do not normally winter here but that took advantage of the open water this year. There were 6 at Brandon Shores on Dec. 1 (Ringler). This is a favorite roosting site for cormorants and 1 immature remained there on Dec. 28 (Hammer +). Another Double-crest was seen on the Port Tobacco CBC on Dec. 20, an immature was at Chesapeake Beach on Dec. 26 (Ringler, Stasz), 1 at Hart - Miller on Dec. 28 (Stasz +) and 1 on the Point Lookout CBC on Jan. 4. Wilson estimated 75 cormorants on Cob Point Bar Light, St. Marys County on Feb. 6 but was unable to determine the species.

Herons. Late in Garrett County was a Great Blue Heron at Oakland on Dec. 22 (Thayer); 4 at Seneca on Feb. 1 (John Bjerke) were notable in the Piedmont. Best heron reports of the season were a Great Egret at Upper Marlboro on Jan. 6 (Stasz, Kearns) and another flying over Salisbury on Jan. 14 (M. O'Brien), 2 immature Little Blue Herons with 63 Tricolored Herons at Deal Island WMA on Dec. 26 (J. & M. O'Brien), and a Cattle Egret on the Ocean City CBC on Dec. 29. Wintering Black-crowned Night-Herons included 22 at Conowingo on Dec. 27 (Kirkwood +) and 32 in Baltimore City on Dec. 28 (Ringler +).

Swans, Geese. Late migrating Tundra Swans were 44 flying over Howard County on Dec. 6 (Solems, Farrell) and 70 flying east over Lander in Frederick County on Dec. 13 (Warfield). Winter Tundra Swans feeding locally included 1800 at Wye Mills on Dec. 26 (Reese) and 4000 at Chestertown on Feb. 11 increasing to 8000 on Feb. 28, probably augmented by spring migrants (Grubers). Other spring migrants included 51 at Cove Point on Feb. 21 (Stasz). A Mute Swan and 6 Snow Geese on Greenbelt Lake on Dec. 3 (M. Livingston) were out of place. An adult and an immature Greater White-fronted Geese remained at Gaithersburg at least through Feb. 22 (Davidson) and 1 was seen at Jug Bay on Feb. 8 (Ann Stone). Other interesting reports of Snow Geese were an adult blue in northern Harford County on Dec. 7 (Ringler, Ricciardi), 10,000 flying over Centreville on Dec. 21 (Ringler), 2 adult whites and an adult blue flying over Rose Haven on Dec. 26 (Ringler, Stasz), an immature in Howard County on Jan. 1 (Wallace), 5000 at Berlin on Jan. 14 (M. O'Brien), 1 blue at Green Manor Turf Farm in Howard County near Sykesville on Jan. 17 (Ludwig) and 6 at Loch Raven on Feb. 8 (Simon, Kye Jenkins). Quite unusual were 5 Brant on the Salisbury CBC on Jan. 4. Winter flocks of Canada Geese included 8000 near Galena on Dec. 26 (Reese) and 1250 on Loch Raven on Jan. 14 (Simon); 2000 flying north over Chestertown on Feb. 22 (Grubers) were migrants.

Dabbling Ducks. Lingering Wood Ducks were 1 at Loch Raven on Dec. 20 (Kaestner +), 1 near Oldtown on Dec. 27 (Paulus), 4 in DC on Jan. 1 (Czaplak), a female at Gaithersburg on Jan. 6 (Bonham), 1 on Lake Whetstone, Montgomery Village on Jan. 6 (Theresa Krueger), a drake in Howard County on Feb. 10-22

(Wallace) and 2, perhaps early spring migrants, at Remington Farms on Feb. 22 (Grubers). At Jug Bay the 500 Green-winged Teal on Dec. 5 had been reduced to 20 on Jan. 16 (Mumford +) while 200 remained at Blackwater on Dec. 31 (Wilson). Stasz found 11 Green-wings at Cove Point on Jan. 3, none there on Feb. 1 and 16 on Feb. 21 when ducks begin returning to ponds that have been frozen during the middle of the winter. Unusual inland Green-wings included 1 at Thurmont and 9 at Piney Run on Jan. 15 (Ringler) and 1 on Lake Elkhorn in Columbia on Jan. 27 (Orgain). High counts of American Black Ducks were 1000 at Jug Bay on Feb. 6 (Ricciardi, Beaton), 250 at Piney Run on Jan. 1 (Ringler) and 252 on Loch Raven on Jan. 1 (Simon). Highs for Mallards were 400 at Piney Run on Jan. 1 (Ringler), 287 at Loch Raven on Jan. 6 (Simon) and 300 at Jug Bay on Feb. 6 (Ricciardi, Beaton). Interesting reports of Northern Pintail were 10 at Jug Bay on Dec. 27 and Jan. 16, and 12 on Feb. 6 and Feb. 22 (Mumford +), 2 at Loch Raven on Dec. 29 (Simon), 400 at Cove Point on Jan. 3 and 50 on Feb. 21 after the thaw (Stasz), 4 at Piney Run through Jan. 13 (Wright +), 400 flying south at Assateague on Jan. 24 (Klockner, Wierenga), 9 at PNAS on Feb. 15 (Bryan) and 5 at Triadelphia on Feb. 21 (Ludwig); the late February birds were probably spring migrants. Quite rare this season was a female Blue-winged Teal at Sandy Point on Jan. 4 (Wierenga +). Locally high counts of Northern Shovelers were 115 at Hart - Miller on Dec. 28 (Stasz +), 25 at Piscataway on Jan. 11 (Nistico) and 8 at Druid Lake in Baltimore on Feb. 6 (Ringler). High counts of Gadwall were 77 at Hart - Miller on Dec. 28 (Stasz +), 10 at Jug Bay on Jan. 9 (Mumford, Ricciardi, Beaton) and 23 in Baltimore City on Jan. 11 (Ringler). A drake Eurasian Wigeon was at West Ocean City on Dec. 29 (George & Henry Armistead +) and 1 was at Edgewater in Anne Arundel County for about 2 weeks from Feb. 23 (Helen & John Ford +). American Wigeon flocks included 13 at Wye Mills on Dec. 26 (Reese) and 123 at Loch Raven on Jan. 3 (Simon).

Diving Ducks. Interesting reports of Canvasbacks were 9 in Columbia, with 1 on Lake Elkhorn and 8 on Wilde Lake on Dec. 7 (J. Solem, Farrell), 150 near Merkle WMA on Jan. 1 (Kearns), 1000 on Piscataway Creek on Jan. 11 (Nistico), 300 at Cove Point on Feb. 1 and 226 at North Beach on Feb. 3 (both Stasz) and 218 at West Ocean City on Feb. 28 (Wilson). There were few wintering Redheads with 1 at Georgetown Reservoir on Jan. 1 (Hilton), 5 at Gaithersburg on Jan. 3 (M. & P. O'Brien), 15 on Loch Raven on Jan. 6 (Simon), 4 in DC on Jan. 30 (Czaplak) and 1 on the Potomac at Hughes Hollow on Feb. 8 (David Mehlman). Ring-necked Ducks were more plentiful with 140 at Georgetown Reservoir on Dec. 14 (Czaplak), 51 at Gaithersburg on Dec. 25 (O'Briens) with 17 there on Feb. 22 (Davidson), 320 on Loch Raven on Dec. 29 (Simon), 27 on Centennial Lake at Columbia on Jan. 15 (McClures) and 170 at PNAS on Feb. 22 (Bryan). Some of the late February birds are likely northbound migrants. There were 3 Greater Scaup at Conowingo on Feb. 13 and 2 on Feb. 14 (Blom +). Flocks of Lesser Scaup included 316 at St. Marys City on Feb. 6 (Wilson), and 500 in Langford Bay and 1000 off Northwest Point on the Chester River on Feb. 11 (Grubers). Stasz saw a female King Eider at North Beach on Dec. 15. Notable reports of Oldsquaw were 500 at Calvert Cliffs on Feb. 1 (Stasz) and 90 at Point Lookout on Feb. 6 (Wilson). Most of the scoter reports came from St. Marys County with a Surf Scoter at PNAS on Jan. 5 and 11 (Bryan) and 7 Surf and 7 White-winged Scoters at Point Lookout on Feb. 6 (Wilson); Stasz counted 156 Surfs at Cove Point on Feb. 1. Also at PNAS were 192 Common Goldeneyes on Jan. 24 and 146 Buffleheads on Jan. 11 (Bryan). On the Potomac at Cumberland there were 3 Common Goldeneyes on Feb. 1 (Ringler) and 7 Buffleheads on Jan. 28 (Paulus). Stasz saw 180 goldeneyes and 150 Buffleheads at Cove Point on Feb. 1.

Hooded Mergansers were well represented, with 51 at Piney Run on Dec. 24 (M. & J. O'Brien), 16 on Deep Creek Lake on Dec. 27 (Thayer), 47 on Loch Raven on Jan. 3 (Simon), 5 on the Youghiogheny River on Jan. 6 and 2 on Feb. 24 (Thayer), 6 in DC on Jan. 29 (Czaplak), 1 at Cove Point on Feb. 1 and 4 there on Feb. 21 (Stasz) and 1 on the Potomac at Cumberland, Jan. 28 through Feb. 12 (Twigg +). Simon found 45 **Common Mergansers** at Loch Raven on Jan. 1, and at Jug Bay there were 7 on Feb. 6 and 25 on Feb. 22 (Mumford, Ricciardi, Beaton); an early migrant was at Piney Run on Feb. 12 (Wilkinson). A single flock of **Red-breasted Mergansers** at Hart - Miller on Dec. 28, estimated at 925 birds (Stasz +), was a record count. Also notable were 18 at PNAS on Jan. 5 (Bryan), a female on the Youghiogheny River in a snow storm on Jan. 22 (Thayer) and 26 at Calvert Cliffs on Feb. 1 (Stasz). High local counts of **Ruddy Ducks** were 4000 at Brandon Shores on Dec. 1 (Ringler), 58 at Denton on Dec. 10 (Hewitt), 5500 at Hart - Miller on Dec. 28 (Stasz +), 5000 on Back River on Jan. 13 (Klockner), 1320 at Bushwood Wharf in St. Marys County on Feb. 6 (Wilson), 3000 on the Patuxent at the mouth of St. Leonard Creek on Feb. 7 (Stasz) and 126 at PNAS on Feb. 8 (Bryan).

Vultures, Ospreys. High counts of **Black Vultures** were 25 at Alpha Ridge Landfill near Marriottsville on Jan. 31 (Blom, Wierenga) and 15 together with 210 **Turkey Vultures** at Tanyard on Dec. 4 (Engle). With open water late into the season, **Ospreys** lingered in the state and 3 were found on the Ocean City CBC with 1 at Porter Creek (M. O'Brien), 1 at Ayers Creek (Davidson) and 1 in Ocean City (Jay Sheppard, Roger Clapp). Inland, single **Ospreys** were seen at Gaithersburg on Dec. 21 (Wayne Sieck) and Columbia on Jan. 3 (Sandy Goulsby).

Bald Eagles. **Bald Eagles** continue to proliferate at all seasons. This year's mid-winter eagle count during the first two weeks of January tallied 6 adults and 8 immatures on the Lower Susquehanna, 24 adults and 13 immatures at Aberdeen Proving Ground, 13 adults and 16 immatures in the Blackwater area and 12 adults and 36 immatures in the Crisfield region (*vide* Jack Abbott). Other observations of **Bald Eagles** included a pair of adults over Rock Creek Park in DC on Dec. 6 (Czaplak), 10 at Conowingo on Dec. 7 (Ringler, Ricciardi), 1 immature over north-east DC on Dec. 20 (Czaplak), 2 at Loch Raven on Dec. 25-27 and Jan. 21 (Simon), an adult at West Friendship in Howard County on Jan. 23 (Anne & Ken Hart), 18 at Blackwater on Feb. 7 (Gregory Inskip) and 2 immatures at White Marsh in Baltimore County on Feb. 25 and 27 (Resch). In Prince Georges County the abundance of eagles was proven by an adult at Rocky Gorge on Dec. 27 (Davidson), 11 immatures on the mudflat at the mouth of Broad Creek near Fort Washington on Dec. 31 (Henry Bielstein) and 16 on the ice off the National Colonial Farm on Jan. 31 (David Mozurkewich).

Buteos, Golden Eagles, Falcons. Czaplak noted a pair of **Red-shouldered Hawks** on a nest at the National Zoo on Feb. 7 (Czaplak). On Feb. 13, Reese saw an adult **Red-shoulder** at St. Michaels, where the species is rare in winter. The last fall migrant **Red-tailed Hawk** was at Monument Knob on Dec. 7 (Sam Shoemaker). Reports of **Rough-legged Hawks** were 2 at Bestpitch on Dec. 8 and 1 there on Feb. 16 (Garland), 1 at Lilypons on Dec. 14 (M. Swick), a light-phase bird near Crumpton, Queen Annes County on Dec. 26 (Reese), 1 along I-270 between Routes 85 and 80 in Frederick County on Jan. 4 (Paul Fritz) and 1 on the C&O Canal near Oldtown on Jan. 13 (Paulus). Reports of **Golden Eagles** outside of CBCs were an immature at Great Oaks in Kent County on Jan. 26 (Floyd Parks) and 3 at Blackwater on Feb. 7 (Gregory Inskip). Single **Merlins** were noted throughout the season at Concord, Caroline County (C. Scudder), 1 near Denton on Dec. 20 (Droege +), 1 on

Assateague on Jan. 24 and Feb. 8 (Klockner, Wierenga) and 1 at PWRC, Feb. 17 through March 10 (Klimkiewicz). Paul Mocko was surprised by seeing a Peregrine Falcon perched on a goal post at RFK Stadium in Washington during a Redskins game on Dec. 28. Another Peregrine was seen at Tanyard on Feb. 14 (Wilbur Engle).

Partridges, Grouse, Turkeys. The Chukar seen by Glenda Weber near Parkville in Baltimore County on Dec. 23 probably had escaped from a local game farm. A first for Harford County was a flock of 6 Ruffed Grouse seen by Larry Fry along the Susquehanna River on the Rock Run CBC on Dec. 27. Paul Fritz saw 6 Wild Turkeys near Pennyfield on Jan. 9 and 38 were recorded on the Allegany County mid-winter count on Jan. 31.

Rails. Clapper Rails on CBCs were 2 for Ocean City on Dec. 29 and 2 for Point Lookout on Jan. 4. Single King Rails on CBCs were heard in Fishing Creek Marsh for the Jug Bay count on Dec. 26 (Droege, Stasz, Ringler) and seen on Assateague for the Ocean City count on Dec. 29 (Blom, Julie Simpson). On the Denton CBC 2 Virginia Rails were heard along the Tuckahoe River on Dec. 20 (Don Meritt, Steve Ford) and for Jug Bay 11 Virginias and 8 Soras were heard in Fishing Creek Marsh on Dec. 26 (Droege, Stasz, Ringler).

Gallinules, Coots, Crane. Wintering Common Moorhens were 1 at Point Lookout on Jan. 6 (Howard Youth) and 1 at Big Mill Pond in Worcester County on Jan. 29 (Doug & Chandra Bruce). Early winter counts of American Coots were 127 on Deep Creek Lake on Dec. 12 (Skipper), 400 on Loch Raven on Dec. 20 (Simon) and 71 at Piney Run on Jan. 1 (Ringler). Roland Limpert reported seeing a Sandhill Crane on Kent Island about Feb. 18.

Shorebirds. Rare on a CBC were 2 Semipalmated Plovers in Crisfield harbor on Dec. 30 (Ringler, Wierenga). The high mid-winter report of Killdeer was 200 at Jug Bay on Jan. 16 (Mumford, Beaton). There were 28 American Oystercatchers seen on the Ocean City CBC on Dec. 29, and later in the winter 12 at Ocean City on Jan. 25 (Klockner) and 17 on Feb. 28 (Wilson). Wintering Greater Yellowlegs were 1 at Fort McHenry seen on Jan. 11 (Ringler) through Feb. 16 (Wilkinson), 2 at Blackwater and 1 at Assateague on Jan. 14 (M. O'Brien) and 1 at Tanyard on Feb. 9-10 (Engle). A Red Knot was seen on Assateague for the Ocean City CBC on Dec. 29 (Blom). Unfortunately unidentified were the 2 dowitchers seen on the Crisfield CBC on Dec. 30. Interesting reports of Common Snipe were 1 at Rising Sun on Dec. 7 (Fogleman), 27 at Tanyard on Dec. 27 (Reese, Terry Allen), 75 at Jug Bay on Jan. 3 (Mumford +), 2 at Conowingo on Jan. 3 (Blom), 1 near Town Creek in Allegany County on Jan. 31 (Paulus), 3 in Howard County on Feb. 6 (Solem, Farrell) and 1 at Oldtown on Feb. 20 (Paulus), the latter perhaps a spring migrant. Reports of American Woodcock were 1 displaying at St. Michaels through Jan. 7 (Reese), 1 at Patuxent River Park on Jan. 9 (Kearns), 1 near Cresaptown in Allegany County on Jan. 31 (Ringler), 1 at Cypressmede in Howard County on Feb. 11 (Michele Wright), 1 calling in St. Marys County on Feb. 13 (Droege), 1 in DC on Feb. 15 (Czaplak), 1 in southern Prince Georges County on Feb. 15 and 1 on Nassawango Creek in Worcester County on Feb. 16 (both by Droege) and 2 at Flag Ponds Park in Calvert County on Feb. 21 (Stasz). Woodcock in mid or late February probably represent spring migrants.

Gulls. Reports of lingering Laughing Gulls included 36 at Brandon Shores and 10 in Curtis Creek on Dec. 1 (Ringler), 3 at the Naval Research Lab in DC on Dec. 19

(Czaplak), 1 at Jug Bay on Dec. 19 (Ricciardi, Beaton), 1 at Sandy Point on Dec. 21 (Klockner), 6 at Chesapeake Beach on Dec. 26 (Ringler, Stasz), 4 at the Bowie landfill on Dec. 28 (Woody Martin) and 15 at Upper Marlboro on Jan. 2, where the last 1 was seen on Jan. 13 (Stasz). Up to 5 Little Gulls were seen at Ocean City on Feb. 7-8 with 3 adults and 2 immatures (Ben Yokel. +). The only report of Common Black-headed Gull was 1 at Back River on Feb. 14 (Kaestner +). Interesting reports of Bonaparte's Gulls were 1 in DC on Dec. 11 (Czaplak), 1 immature at Denton on Dec. 20 (Droege), 1 at Lake Elkhorn on Jan. 24 (Orgain +), 400 at Calvert Cliffs on Jan. 24 (Droege), 300 flying south at Assateague on Jan. 24 (Klockner, Wierenga) and 1 in Montgomery County at Triadelphia on Feb. 21 (Ludwig).

High local counts of Ring-billed Gulls were 1200 at Piney Run on Dec. 6 (Ringler +), 300 at the Frederick landfill on Jan. 15 (Ringler), 101 at Cumberland on Jan. 20 (Twigg), 7000 at Conowingo on Jan. 23 (Blom), 1500 on Druid Lake in Baltimore on Feb. 6 (Ringler), 97 on the Potomac at Oldtown on Feb. 8 (Paulus), 2500 near Easton on Feb. 9 and 4000 on Feb. 19 (Reese), 206 on Loch Raven on Feb. 11 (Simon) and 160 at North Branch on Feb. 14 (Kiddy). Highs for Herring Gulls were 800 at Piney Run on Dec. 6 (Ringler +), 80 on Loch Raven on Dec. 25 (Simon), 500 at the Frederick landfill on Jan. 15 (Ringler), 20,000 at Conowingo on Feb. 13 (Blom) and 2000 in DC on Feb. 14 (Czaplak); 1 flying down the Potomac near Oldtown on Dec. 27 (Paulus) was rare for Allegany County. The only report of Thayer's Gull was 1 immature at Upper Marlboro on Jan. 14 (Stasz). A second-winter Iceland Gull was seen at Bowie on the Dec. 28 CBC and again on Feb. 14 (Woody Martin). Other reports of Iceland Gulls were a first-winter bird at Upper Marlboro on Jan. 5 (Stasz), 2 first-winter birds at Conowingo on Feb. 14 and single first-winter and adult birds there on Feb. 21 and 25 (Blom, Garland +) and a first-winter bird at the Tidal Basin in DC on Feb. 28 (Czaplak).

Lesser Black-backed Gulls have become so widely and frequently reported that it almost is unnecessary to enumerate them all; however, I believe it is still worthwhile. One on the Denton CBC at the mouth of the Tuckahoe River on Dec. 20 (Steve Goodbred, Jr. & Sr.) was the first for Caroline County. An adult was at Eastern Neck on Dec. 21 (Floyd Parks +) for the Lower Kent CBC. An adult at Hains Point on Dec. 25 (Hilton) was a familiar returnee. An adult at Chesapeake Beach on Dec. 26 (Ringler, Stasz) was new for the Jug Bay CBC and 2 were seen there through Jan. 25 (Kraus). There were 3 Lessers for the Triadelphia CBC on Dec. 27. Another familiar bird was the 1 near Berlin on Dec. 27 (Paul Lehman, Shawneen Finnegan). At Conowingo Blom and others reported 1 adult on Dec. 27 and 2 on Jan. 8, Jan. 10, and Feb. 14; a third-winter bird on Jan. 17, Jan. 23 and Feb. 21; a second-winter bird on Jan. 17 and Feb. 12; and a first-winter bird on Jan. 17 and 23. There were 2 adult Lessers at Fort McHenry on Dec. 28, and at least 1 there throughout the season (Ringler +). A first-winter Lesser was seen on the Annapolis CBC on Jan. 4 over Chesapeake Bay south of the Bay Bridge (Blom +). A third-winter bird was at the Frederick landfill on Jan. 15 (Ringler), an adult at the Alpha Ridge landfill in Howard County on Jan. 31 (Blom, Wierenga), a third-winter bird at Upper Marlboro on Feb. 2 (Stasz), a fourth-winter bird at Black-walnut Point on Feb. 8 (Davidson) and 3 adults and a first-winter bird at the Tidal Basin on Feb. 14 (Czaplak).

Single first-winter Glaucous Gulls were at the Alpha Ridge landfill in Howard County and the Frederick landfill on Jan. 15 (Ringler), at Chesapeake Beach on Jan. 24-25 (Kraus) and at Upper Marlboro on Jan. 28 (Stasz). Inland were 8 Great Black-

backed Gulls at Piney Run on Jan. 1, and 13 at the Frederick landfill on Jan. 15 (Ringler). Upriver, Great Black-backs numbered 225 at Conowingo on Jan. 17 (Blom +) and 255 at DC on Feb. 19 (Czaplak). A very poor count of only 20 Black-legged Kittiwakes was found off Ocean City on the Feb. 14 pelagic trip (Wierenga +).

Terns, Alcids. In Calvert County Stasz noted the last Royal Tern at North Beach on Dec. 5, the last Common Tern at Chesapeake Beach on Dec. 10 (extremely late for this species) and the last Forster's Tern at North Beach on Dec. 14. Also seen on the Feb. 14 pelagic trip were 2 Dovekies and 6 Atlantic Puffins (Wierenga +).

Doves, Owls. Paulus counted 217 Mourning Doves in one flock along the C&O Canal near Oldtown on Dec. 27. The only Common Barn-Owl reported was seen at the National Zoo on Feb. 21 (Czaplak). A Snowy Owl was seen on Assateague by park personnel shortly before the Ocean City CBC and another was photographed by Keith Harvey at Hillsmere Shores near Annapolis in early January. CBC reports of Long-eared Owls were 6 for Triadelphia, found near Laytonsville, on Dec. 27, 2 for Ocean City on Dec. 29, and 2 for Point Lookout on Jan. 4 (M. O'Brien). Other Long-ears were 1 at Rising Sun on Dec. 29 (Fogleman), 1 at Back River on Feb. 7 (Resch) and Feb. 14 (Kaestner +) and 2 at the National Arboretum from Feb. 16 through March 1 (Czaplak). Reports of Short-eared Owls outside of CBCs were 1 at Rising Sun, Dec. 20 through Jan. 4 (Fogleman +), and 1 in Baltimore on Feb. 16 (Wilkinson). Wintering Northern Saw-whet Owls were 1 at Back River on Dec. 26 (Resch), 1 on the Triadelphia CBC on Dec. 27, 1 on Assateague on Dec. 29 with 2 there on Feb. 8 and 1 through the end of the season (Wierenga +), 1 found dead near Madonna in Harford County on Jan. 4 by Robert Van Trigt, 1 at Hughes Hollow from Jan. 8 through Feb. 26 (Garland +) and 2 there on Feb. 14 (Janet Anderson) and 1 at the National Arboretum, Feb. 16 through March 6 (Czaplak).

Flycatchers, Larks, Swallows. Ray Kiddy found 1 Eastern Phoebe on the C&O Canal at North Branch on Dec. 13 and 2 on the canal between Spring Gap and Oldtown on Dec. 20. Another phoebe was at Jug Bay, Dec. 27 through Jan. 16 (Mumford, Beaton). The high phoebe count for CBCs was 16 for Ocean City on Dec. 29. Other phoebes were 1 at Oldtown on Jan. 2 (Paulus) and 1 in Howard County on Feb. 6 (Solem, Marcia Krishnamoorthy). The largest flocks of Horned Larks noted were 400 in southern Frederick County on Jan. 12 (M. O'Brien) and 200 at Hereford on Jan. 31 (Kaestner). A Tree Swallow at Noland's Ferry on Dec. 7 (Warfield) was a late migrant, but 150 on the Crisfield CBC on Dec. 30 were probably attempting to winter; 1 at Assateague on Feb. 8 (Klockner, Wierenga) is more difficult to place.

Crows, Nuthatches, Wrens. Michael O'Brien estimated 25,000 American Crows and 400 Fish Crows on Jan. 8 at Rockville. Reese estimated 1000 unidentified crows near Galena on Dec. 26. A Common Raven at the Frederick landfill on Dec. 27 (Keith Van Ness) was out-of-place, but 1 on Sideling Hill on Jan. 28 (Wilkinson) was more likely. Wilson found 3 Brown-headed Nuthatches at St. George Island in St. Marys County on Feb. 6. Dan Audet discovered a House Wren at Triadelphia on Dec. 29 for the CBC. On the Jug Bay CBC of Dec. 26 there were 11 Marsh Wrens counted in Fishing Creek Marsh (Droege, Stasz, Ringler) and on the Elkton CBC there were 4 (Charles Gant, David Shock).

Gnatcatchers, Thrushes. Single Blue-gray Gnatcatchers were found on the Jug Bay CBC on Dec. 26 (Fred Fallon), on the Baltimore Harbor CBC at Back River on Dec.

28 (Resch); and at Conowingo the bird previously reported in the fall remained through Jan. 17 (Blom +). Reese counted 67 Eastern Bluebirds near St. Michaels on Feb. 21. A mixture of meandering winter flocks and possible early spring migrants of American Robins were 30 at Mountain Lock in Washington County on Feb. 1 (Ringler), 60 at Thompson Corner in St. Marys County on Feb. 6 (Wilson), 25 in Chestertown on Feb. 6 (Grubers), 30 at Cove Point on Feb. 7 (Claire Johnston), 2 south of Ocean City on Feb. 15 (John Bjerke) and 55 in DC on Feb. 16 (Czaplak). One of only a handful of records for Maryland was a well-described Varied Thrush at a feeder in Bethesda on Feb. 1 (Elizabeth & Henry Allen, John Pond).

Mimids, Pipits, Waxwings. Rare for mid-winter, a Gray Catbird was at St. Michaels on Jan. 15 (Reese). Stasz found a Brown Thrasher at Cove Point on Feb. 1. Wintering reports of Water Pipits were very few but included 24 in Carroll County at Liberty Reservoir on Dec. 3 (Wright), 3 at Cove Point on Feb. 1 (Stasz) and 1 at Sandy Point on Feb. 1 (Laura Gaudette). Stasz estimated 230 Cedar Waxwings at Upper Marlboro on Jan. 9 and 135 at Cove Point on Feb. 1.

Shrikes, Vireo. Bob Folker saw an immature Northern Shrike on Kent Island on Jan. 6. A Loggerhead Shrike was found on the Denton CBC on Dec. 20 (Fred Fallon, J.E. Arnold) and 1 was at Lilypons at least from Dec. 6 (Osenton) through Jan. 20 (Wright). A surprise for the Port Tobacco CBC was a Solitary Vireo near LaPlata on Dec. 20 (Dan Audet, Paul Jung).

Warblers. The only Orange-crowned Warblers of the season were 1 found on the Ocean City CBC by Bob Whitcomb and 1 at Flag Ponds, Calvert County on Jan. 3 (Stasz). The 4 Cape May Warblers seen on CBCs on Dec. 20 was a shocking coincidence as Czaplak found 3 in DC and Roberta Fletcher found another at Denton. Only 3 Yellow-rumped Warblers were found on the Allegany County mid-winter count, showing that this semi-hardy species retreats from that part of the state for the winter. Farther east Wilson saw 15 Yellow-rumps at Hughes Hollow on Feb. 2. Czaplak also found a Pine Warbler at Hains Point for the DC CBC. Interesting reports of Common Yellowthroats were a male in Swan Creek, Harford County on the Rock Run CBC (Kirkwood, Ringler) and 1 at Jug Bay on Jan. 9 (Mumford, Ricciardi, Beaton). Occasionally seen during December in Maryland, a Wilson's Warbler was found by Paul DuMont on the 21st at Hughes Hollow on the Seneca CBC.

Sparrows. American Tree Sparrows on the Eastern Shore and the southern part of the Western Shore are becoming quite rare. This winter there were 3 at Cove Point on Jan. 3 (Stasz), 2 at Jug Bay on Jan. 9 and Feb. 6 (Mumford, Ricciardi, Beaton), 2 at Indian Head on Jan. 27 (Polly Hancock), 1 at Denton on Jan. 28 (R. Fletcher, Nuttle), several at Point Lookout on Feb. 2 (George Jett), 12 at Fenwick in Charles County on Feb. 15 (Nistico) and 1 at Federalsburg on Feb. 23 (Glime). Wintering Chipping Sparrows included 1 at the National Zoo on Jan. 25 (Czaplak) and 1 at Remington Farms on Feb. 15 (Grubers). A Vesper Sparrow at Rockville on Jan. 1 (M. O'Brien) was a rarity for that date. An adult Lark Sparrow remained at a feeder near Crownsville from Jan. 30 through March 5 (Marty Barron +). Wilkinson found 1 Savannah Sparrow wintering in southern Frederick County on Jan. 24. Rare in mid-winter were 2 Sharp-tailed Sparrows at Cornfield Harbor on Jan. 4 (John Hupp, Theresa Duffey). Michael O'Brien estimated 200 Song Sparrows and 100 Swamp Sparrows at Lilypons and 75 White-crowned Sparrows in surrounding southern Frederick County on Jan. 12. There were 3 immature White-crowned

Sparrows at a feeder near Pocomoke City from December through the end of the period (Doug & Chandra Bruce).

Longspurs, Snow Buntings. The high count for Lapland Longspurs in southern Frederick County was 25 on Jan. 12 (M. O'Brien) and 2 were still present on Feb. 23 (Garland). A single Lapland Longspur was in the Bradenbaugh area of Harford County on Jan. 24-31 (Kirkwood +) and 2 were at Hereford on Jan. 31 (Kaestner +). Wright found 3 Snow Buntings at Liberty Reservoir in Carroll County on Dec. 12 and 5 on Dec. 19. Another 3 Snow Buntings were reported on the Catoctin CBC on Dec. 21, 65 were on Assateague on Dec. 27 (Paul Lehman, Shawneen Finnegan), 9 in southern Frederick County on Dec. 28 (Warfield), 7 there on Jan. 24 (Wilkinson +) and Feb. 1 (John Bjerke) and 1 remaining on Feb. 23 (Garland), 135 at Hart - Miller on Dec. 28 (Stasz +), 26 on Assateague on Jan. 14 (M. O'Brien), 1 at Bradenbaugh on Jan. 27-28 (Kirkwood +) and 1 at Hereford on Jan. 31 (Kaestner +).

Blackbirds. A female Yellow-headed Blackbird was at Rising Sun on Dec. 28 (Fogleman). The few reports of Rusty Blackbirds included 10 at Jug Bay on Jan. 16 (Mumford, Beaton), 25 near Oldtown on Jan. 17 (Paulus), 3 at Cove Point on Feb. 1 (Stasz) and 6 at Back River on Feb. 14 (Kaestner). Czaplak estimated 200 Brown-headed Cowbirds in DC on Feb. 13.

Redpolls. There was nearly a score of reports of Common Redpolls, with most scattered from late January through February. Most were of very small numbers and only a few reached the Eastern Shore. In Anne Arundel County there was a female seen at Sandy Point on Dec. 6 (David Mozurkewich), 1 at a feeder on Gibson Island for about a week through Jan. 4 (Mr. & Mrs. Benjamin Cadwalader) and 1 at a feeder in Annapolis on Feb. 21 (Harold Wierenga). In Harford County 1 was at a feeder in Churchville on Jan. 19 (Spike Updegrove +) and 3 at a feeder in Darlington on Feb. 26-27 (June Vaughn +). One was at a feeder in Laurel Grove, St. Marys County on Jan. 26-31 (Runkles). In Allegany County there were 2 at a feeder in Cumberland on Jan. 28, 3 on Feb. 10 and 1 through Feb. 24 (Kiddy), and 2 more at another feeder near Cumberland on Feb. 12 (Simons). In Carroll County there were 2 at a feeder in Woodbine on Jan. 31 (Sharleen Sterner), a male at Eldersburg on Jan. 31 (John Hattrup), 1 at a feeder near Sykesville on Feb. 1 (Dave Harvey) and a male at a feeder near Winfield on Feb. 7 (John Corey). Peter Osenton saw a flock of about 40 redpolls near Ellicott City on Jan. 31 and 1 other was seen in Howard County on Feb. 27 (Frances Ehlers). In Prince Georges County 1 was banded at PWRC on Feb. 1 (Klimkiewicz). In Talbot County 1 was at a feeder in Bozman on Feb. 10 (Esther Burns). In Baltimore, 5 were at the feeder of John & Peg Barber on Feb. 13-24 and they banded 2 of them. In Caroline County 4 were at a feeder in Concord on Feb. 14-25 (C. Scudder). In Worcester County 1 was in Ocean City on Feb. 14 (Klockner).

Other Finches. Few flocks of Purple Finches were noted, but 50 were at Glenn Dale on Feb. 9 (Bob Davis) and 25 at Chestertown on Feb. 23 (Grubers). The only crossbill report was of a single White-winged Crossbill at a feeder in Denton on Feb. 19-21 (Ruth Jones). Pine Siskins were common throughout the winter, including more than 1000 banded at PWRC during the course of the season (Klimkiewicz). Flocks that were reported included 25 at Golden Hill, Dorchester County on Dec. 26 (O'Briens), 25 at a feeder in Timonium on Jan. 6 (Kaestner), 30 at a feeder in Howard County on Jan. 12 (Frances Ehlers), 50-60 at a feeder on Bray Hill, Garrett County on Jan. 16 (Skipper), 40 near Pocomoke City on Jan. 22 (Doug

& Chandra Bruce), 135 on the Allegany County mid-winter bird count on Jan. 31, 40 at Bethesda during the period preceding Feb. 2 (David Horne) and 45 at a feeder in Laurel on Feb. 9 (Wierenga). Stasz saw about 150 American Goldfinches at Flag Ponds, Calvert County on Feb. 21. Evening Grosbeaks were rather scarce, even in western Maryland where only 94 were recorded on the Allegany County count on Jan. 31. On the Eastern Shore there were 4 at a feeder in Denton on Jan. 2 (C.T. Fletcher) and 15 at Chestertown on Feb. 23 (Grubers).

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BOOK REVIEW

A BIRDWATCHER'S COOKBOOK

Erma J. Fisk. 1987. W. W. Norton & Co., New York. Black and white line drawings, index, 272 pp. \$15.95.

I'm not sure this book is of value to either birdwatchers or cooks, but it does give the impression it was fun to write. This collection of recipes is tied together only by a rambling commentary and the improbable assumption that all birdwatchers will find them appealing. The author, who has two other books in print, has combined her long cooking career with her birdwatching, and has clearly enjoyed the mix.

She starts with a "Warning" section that is seven parts long, but most of it concerns the difficulty of planning meals for birdwatchers, who may jump up and dash out at the ring of a phone. The "Introduction" covers much of the same ground. Her most entertaining advice concerns when to serve these offerings: lunchtime on Christmas Count day; breakfast at Dorothy Mendinhall's banding station; or after searching for parrots in Belize. She has added notes about a few of her favorite birdwatchers; those who have sampled her impromptu feasts after a hard day in the field. These include Chan Robbins and Gladys Cole, who introduced her to the joys of Maryland crab cakes while working at the banding station in Ocean City.

Not surprisingly, birds make an appearance in a few of the recipes: roast chicken, guinea fowl, and the improbable sparrow pie. With the exception of the latter, most of the recipes in this collection are fairly conventional. She also has a closing chapter that covers feeding birds, as opposed to feeding on them.

You won't want to carry this book with you on your next extended birding foray. After all, who wants to cook when there are birds to look at, and Chan Robbins' advice on birds is far more valuable than his advice on crab cakes. But it is a nice addition to your cookbook shelf, and the price is reasonable. All of the author's royalties have been pledged to the Cornell Laboratory of Ornithology.

Joy Wheeler

ERRATA

The following omissions and errors were discovered in past May count summaries:

1. In volume 36, number 2, page 53-1 White-rumped Sandpiper was omitted from the Baltimore County list, making a total of 70 for the state. On page 56 of this summary 1 Dickcissel was omitted from the Baltimore County list, the only one for the state. On page 57 of this summary totals should be corrected to 202 species and 42526 individuals for Baltimore County and a state total of 273 species and 188094 individuals.
2. In volume 38, number 3, page 113 - the numbers for Brown-headed Nuthatch and Red-breasted Nuthatch have been reversed for columns of Cecil County through the Total. The numbers are correct for the columns of Garrett County through Harford County.
3. In volume 41, number 2, page 39 - the number of parties for Dorchester County should be 2, and on page 40 the list of observers for Dorchester should read: Henry T. Armistead, Maggie Hawk, Kurt Savoie, Richard S. Schad, Erika Wilson instead of those printed.
4. In volume 42, number 2, page 38 - under Allegany County the number of American Crows should be 178 and the number of Crow sp. should be 0. On page 39 the total of American Crows should be 2771 in 24 counties, and for Crow sp. the total is 971 in 15 counties.

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